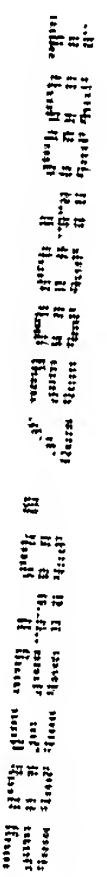
[illegible]

$\frac{d}{dt} \left( \frac{\partial L}{\partial v^j} - p_j \right) = \frac{\partial L}{\partial x^j}$

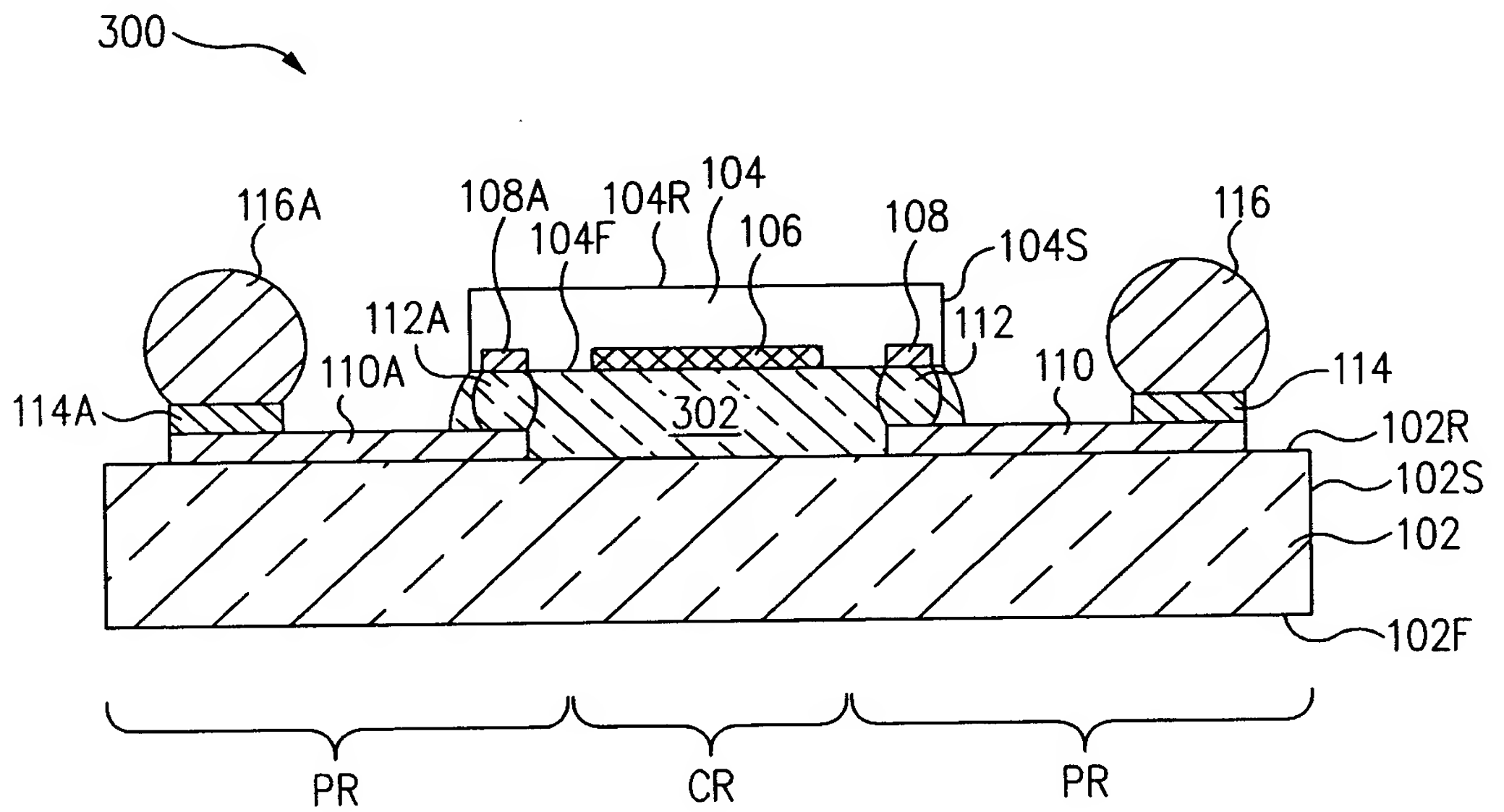


FIG. 3

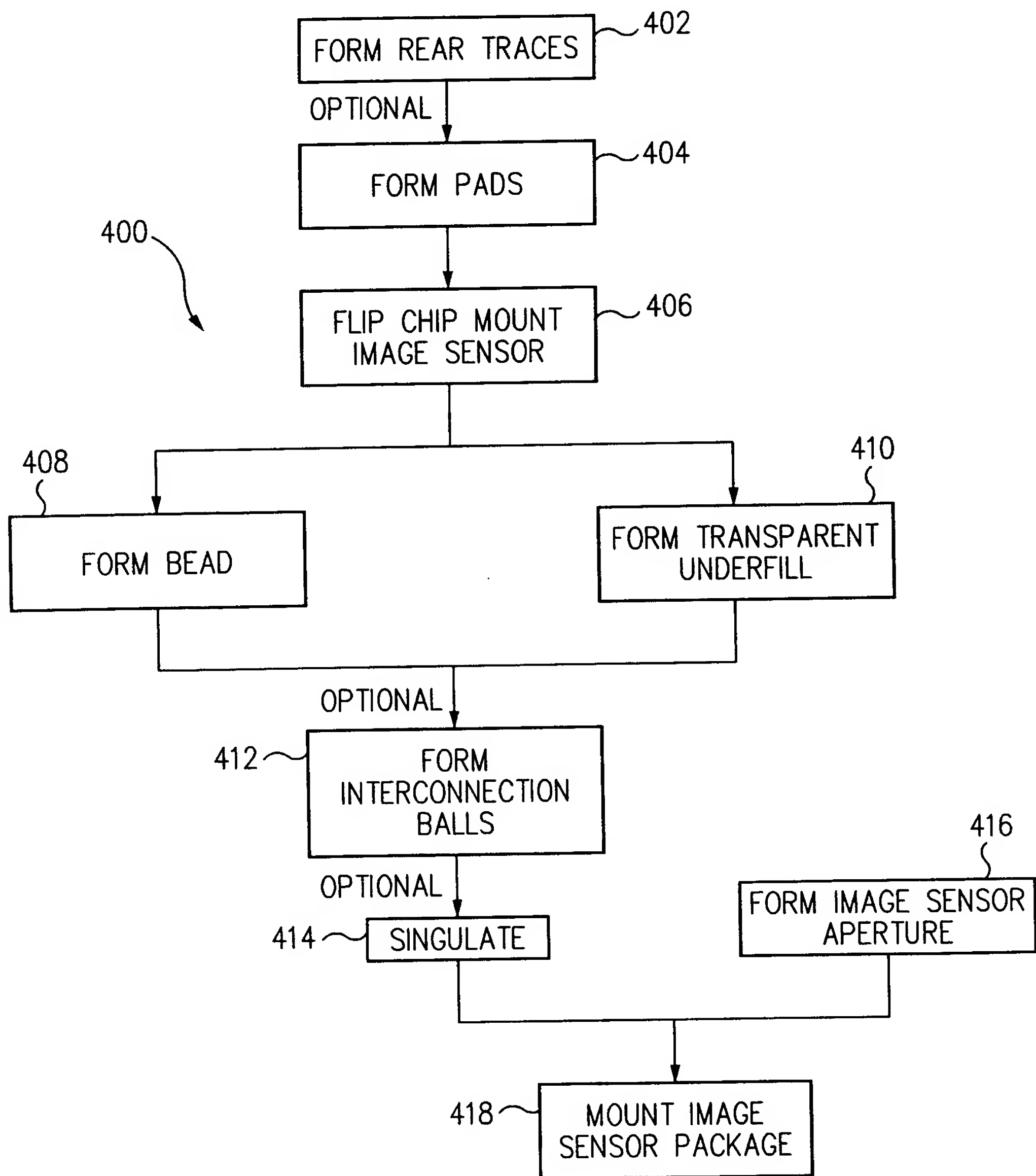


FIG. 4

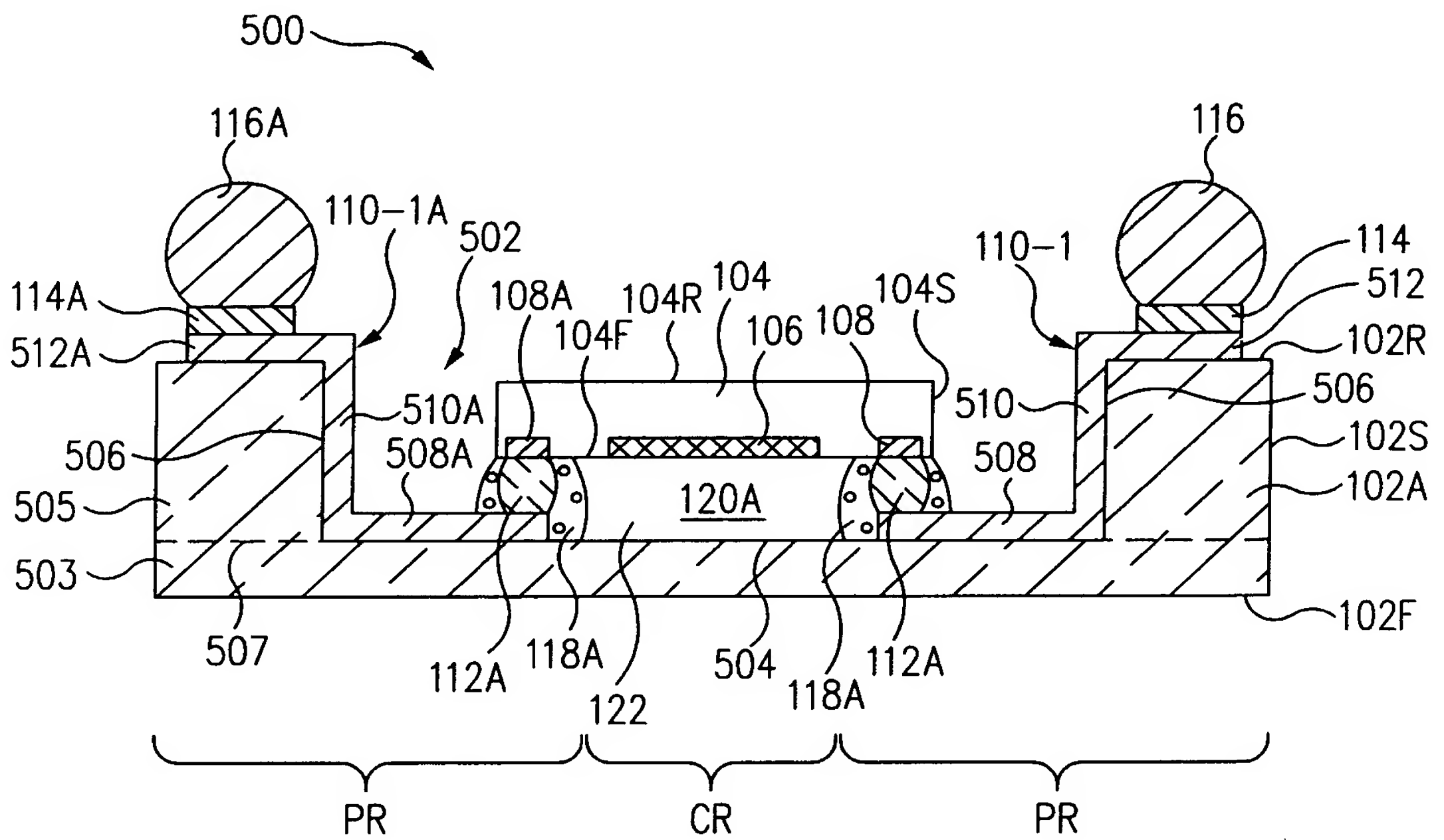


FIG. 5

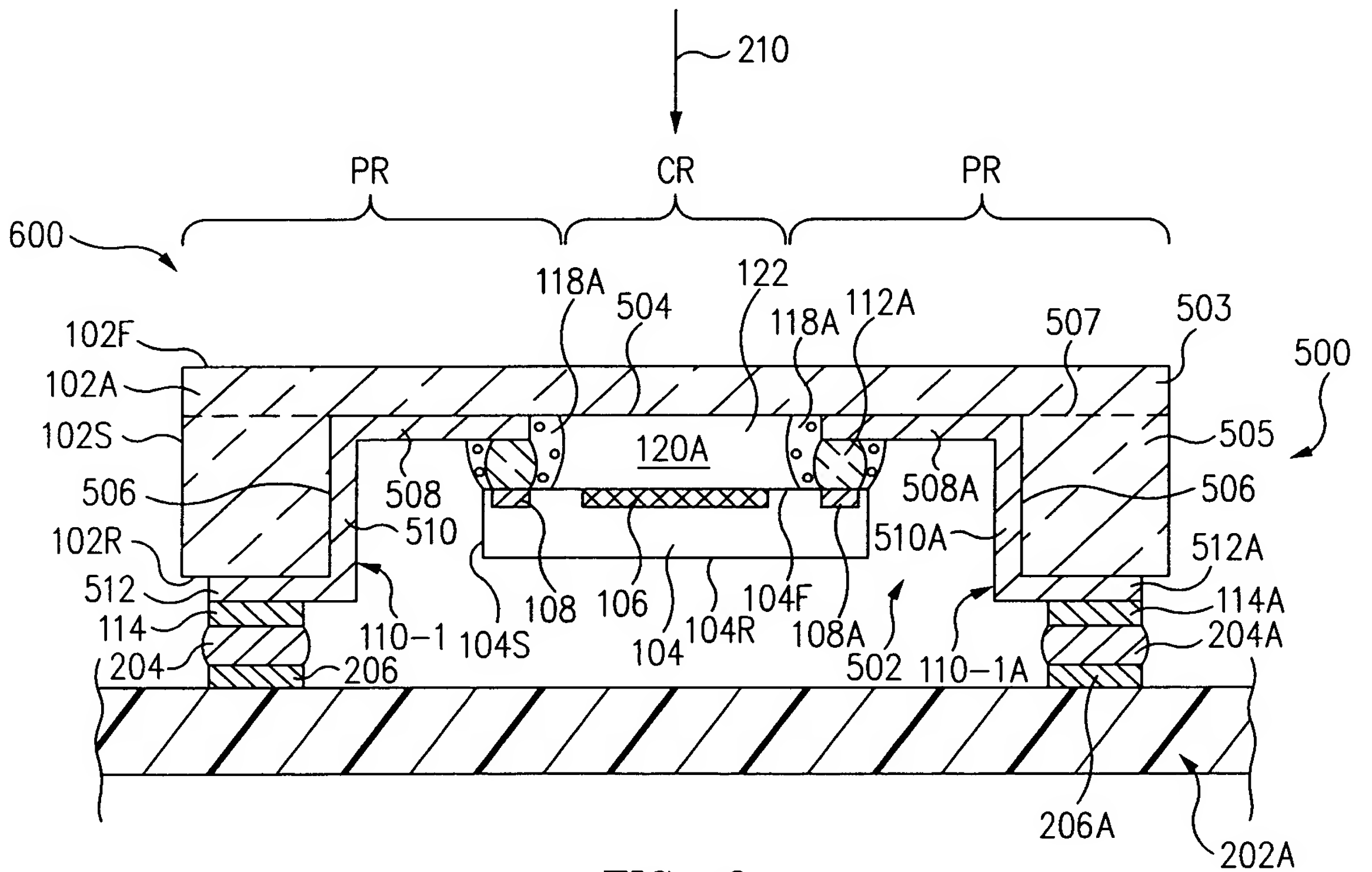


FIG. 6



FIG. 7

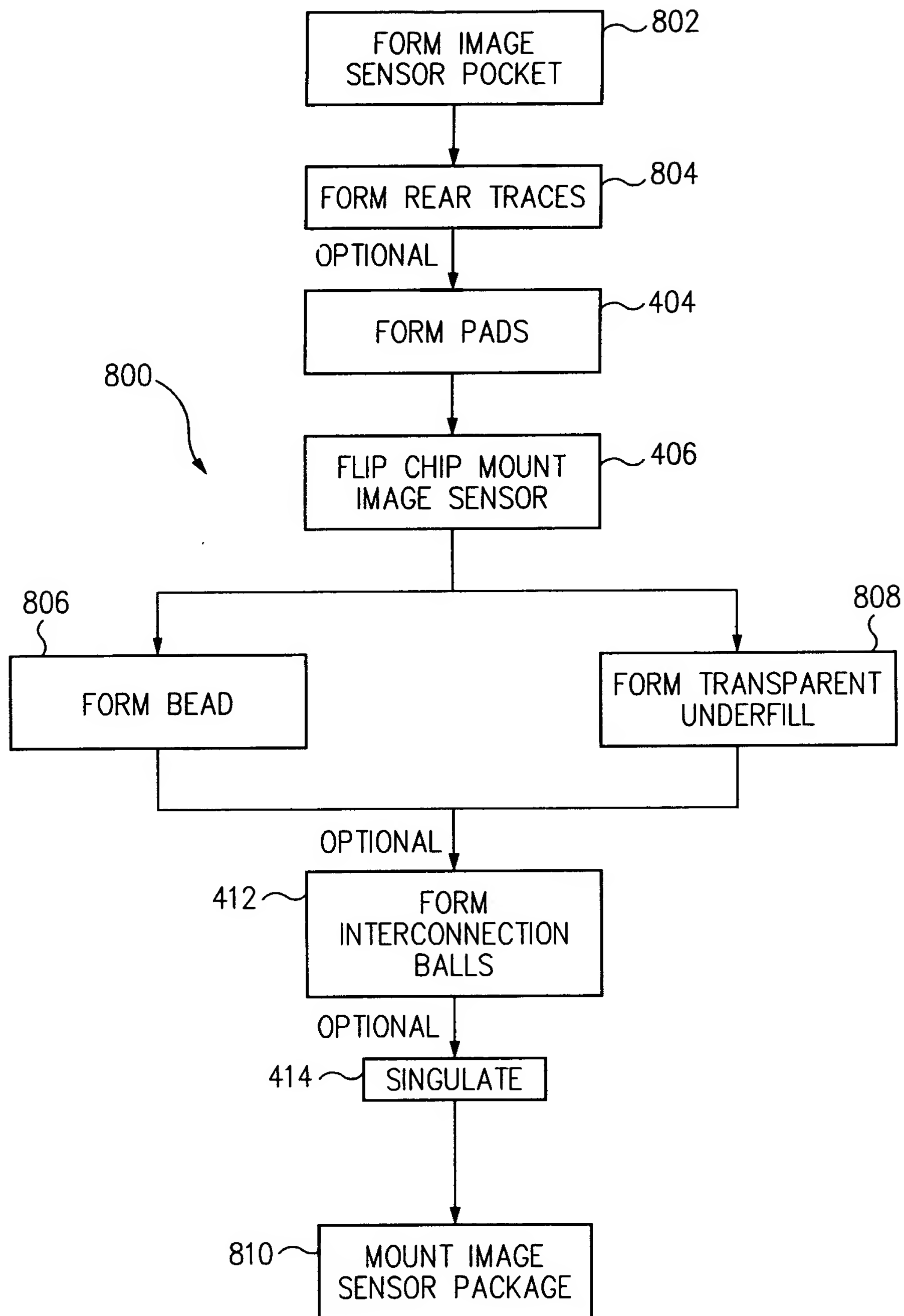


FIG. 8

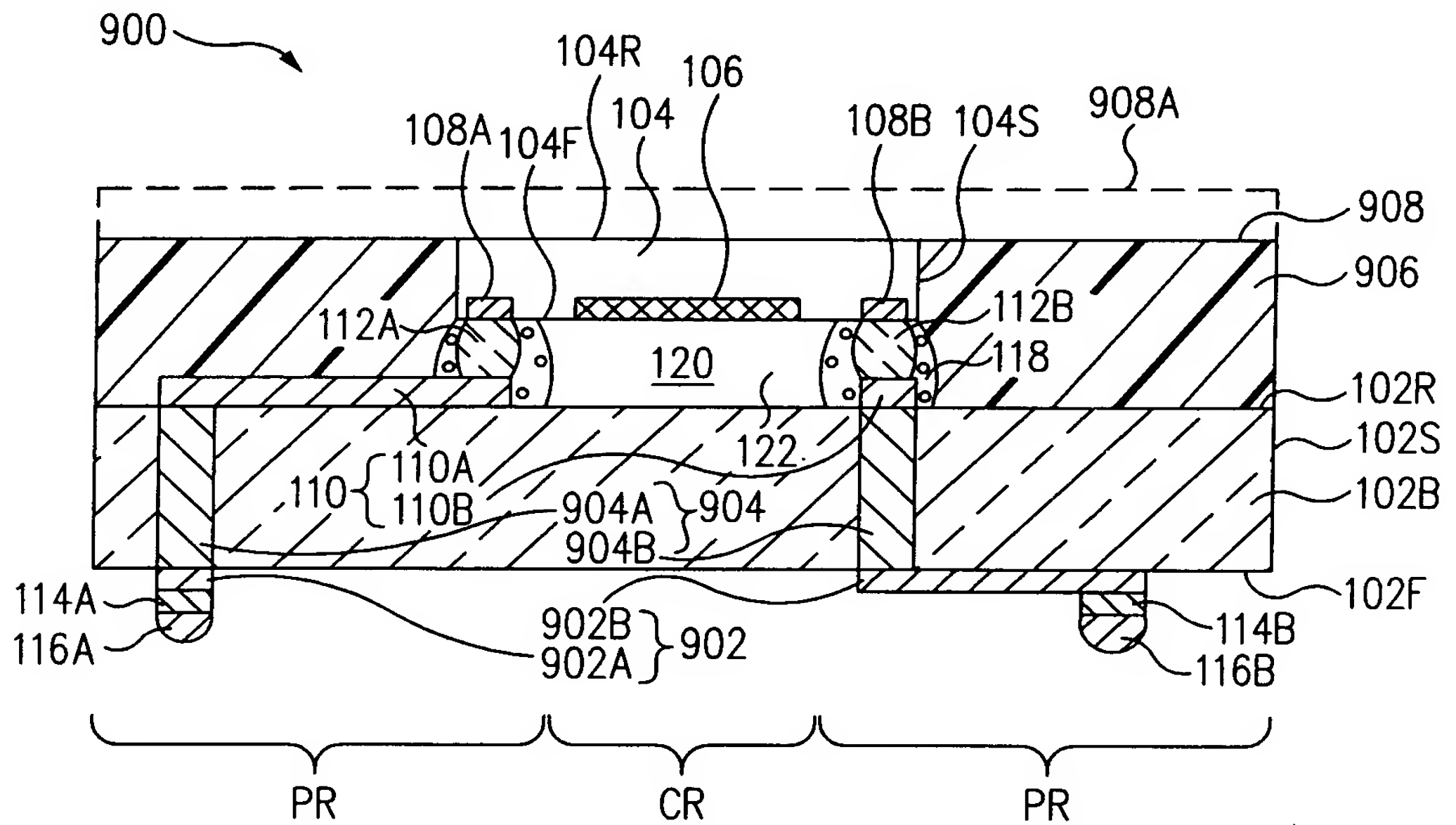


FIG. 9

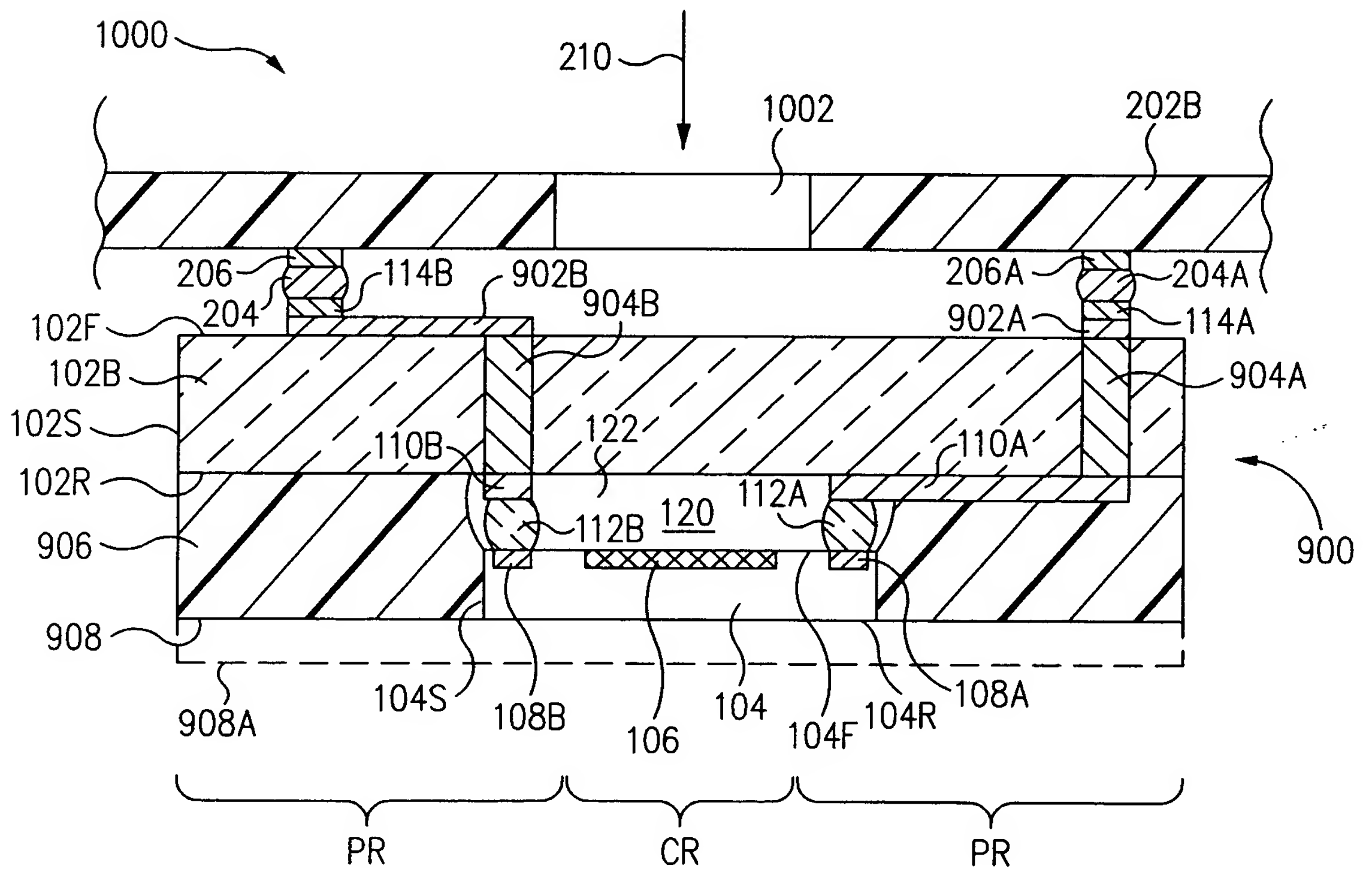


FIG. 10

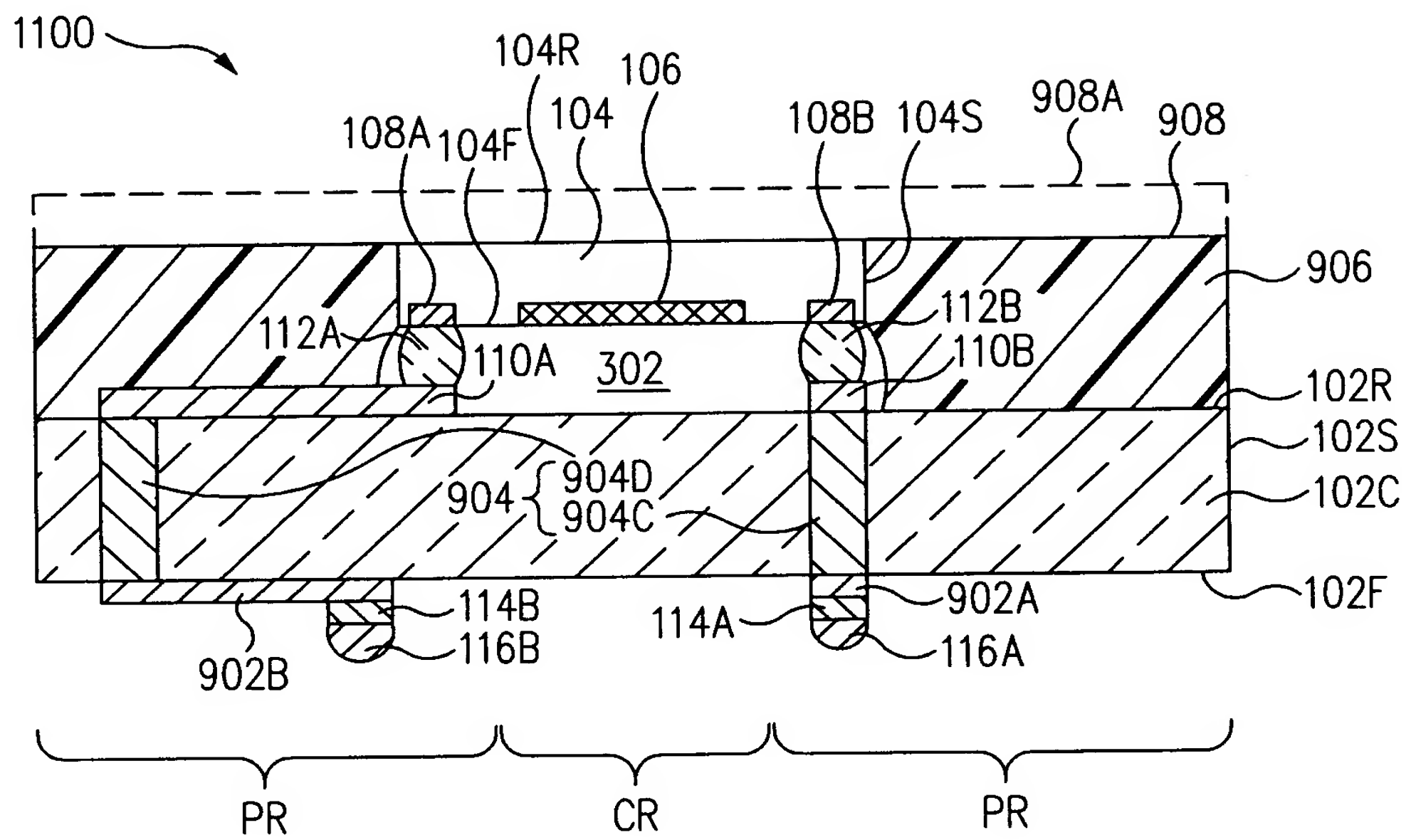


FIG. 11



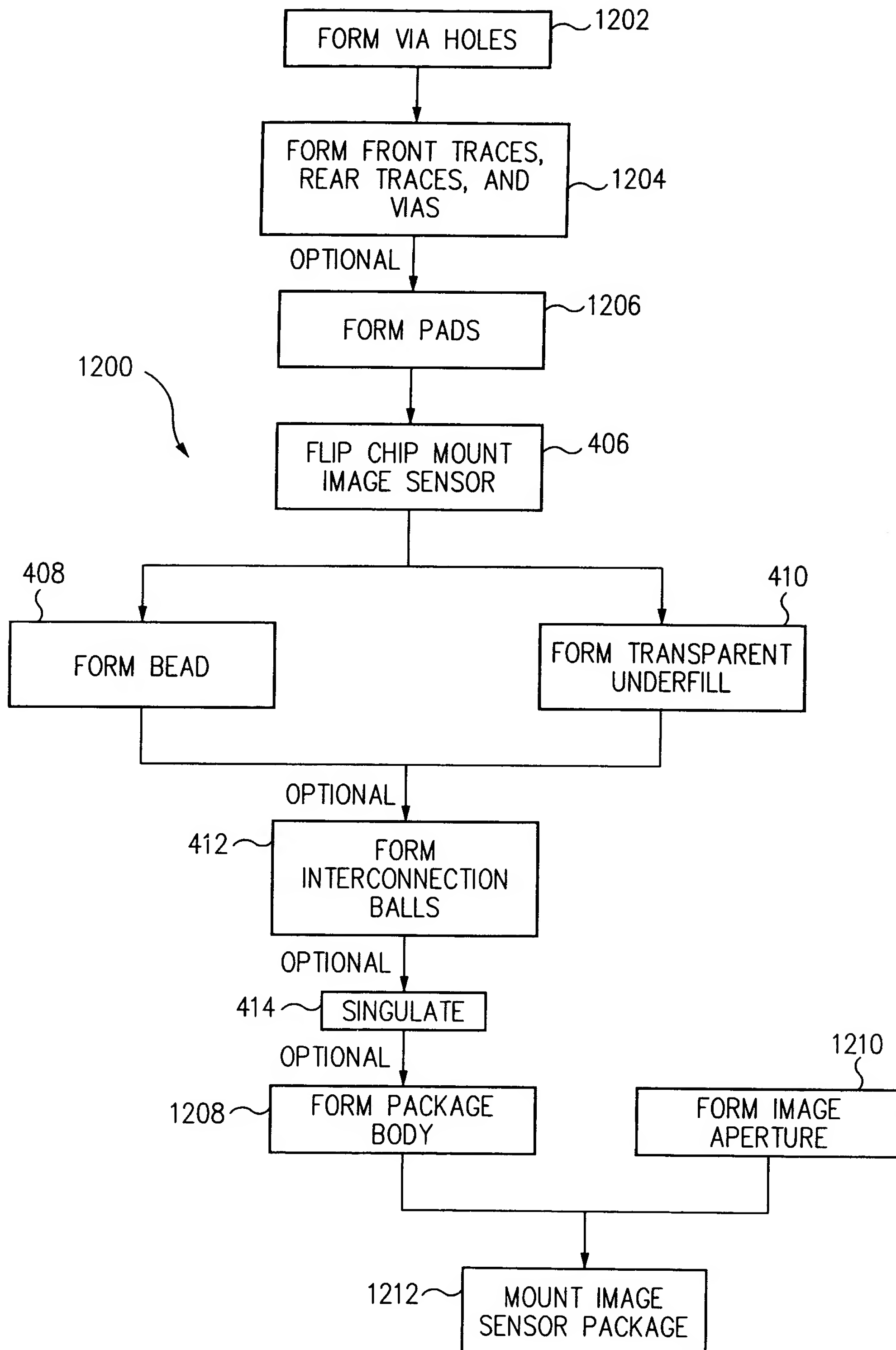


FIG. 12